

3738

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Docket No. HRT-0287



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John H. Stevens  
Serial No. : 10/047,581      Art Unit: 3738  
Filed : October 23, 2001      Examiner:  
For : Endovascular Aortic Valve Replacement

*T-H*  
*7-902*  
*H 3/Prior Art*

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May 23, 2002  
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Brian S. Tomko  
(Name of applicant, assignee, or Registered Representative)

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(Signature)

May 23, 2002  
(Date of Signature)

TECH. SEC. 6  
JUN - 6 2002

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37  
C.F.R. §§1.97-1.98, information relating to the above-identified  
application is hereby disclosed. Inclusion of information in  
this statement is not to be construed as an admission that this  
information is material as that term is defined in 37 C.F.R.  
§1.56(b).

Applicant(s) reserve(s) the right to establish the  
patentability of the claimed invention over any of the  
information provided herewith, and/or to prove that this  
information may not be prior art, and/or to prove that this

information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

☒ In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

☐ In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Statement in Accordance with §1.97(e) (attached);

or

☐ Please charge Deposit Account No. 10-0750/ /  
the fee of \$180.00 as set forth in §1.17(p).

☐ In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- ☐ Statement in Accordance with §1.97(e) (attached);  
or  
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☐ In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.

☒ Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.

☐ If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

☒ Copies of references listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior application Serial No. 08/615481, filed March 15, 1996.

☒ There are no listed references which are not in the English language.

☐ The relevance of those listed references which are not in the English language is as follows:

☐ Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

☐ Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/HRT-02~~8~~87/BST. This form is submitted in triplicate.

Respectfully submitted,



\_\_\_\_\_  
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Attorney for Applicants

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DATED: May 23, 2002



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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 5

Application Number	10/047,581
Filing Date	October 23, 2001
First Named Inventor	John H. Stevens
Group Art Unit	3738
Examiner Name	
Attorney Docket Number	HRT-287

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		Number	Kind Code <sup>2</sup> (if known)			
		3,409,013		Berry	11/1968	
		3,587,115		Shiley	6/1971	
		3,671,979		Mouloupoulos	6/1972	
		3,755,823		Hancock	9/1973	
		4,038,703		Bukros	8/1977	
		4,056,854		Vorelos et al.	11/1977	
		4,106,129		Carpentier et al.	8/1978	
		4,222,126		Boretos et al.	9/1980	
		4,297,749		Davis et al.	11/1981	
		4,343,048		Ross et al.	8/1982	
		4,574,803		Storz	3/1986	
		4,580,568		Gianturco	4/1986	

### FOREIGN PATENT DOCUMENTS

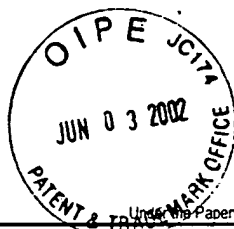
Examiner Initials	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear	T <sup>3</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>				
		EP	0103546	A1		3/1984		
		EP	0357003			3/1990		
		EP	0592410	B1		10/1995		
		GB	2056023	A		3/1981		
		WO	91/17720			11/1991		
		WO	92/17118			10/1992		

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 5

Application Number	10/047,581
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		Number	Kind Code <sup>2</sup> (if known)			
		4,612,011		Kautzky	9/1986	
		4,631,052		Kensey	12/1986	
		4,733,665		Palmaz	3/1988	
		4,777,951		Cribier et al.	10/1988	
		4,787,899		Lazarus	11/1988	
		4,787,901		Baykut	11/1988	
		4,796,629		Gratzel	11/1989	
		4,856,516		Hillstead	8/1989	
		4,878,495		Grayzel	11/1989	
		4,883,458		Shiber	11/1989	
		RE33,258		Omik et al.	7/1990	
		4,966,604		Reiss	10/1990	

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		Office <sup>3</sup>	Number <sup>4</sup>	KindCode <sup>5</sup>				

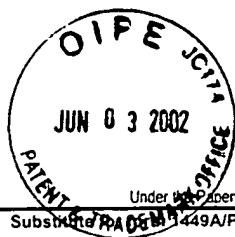
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Sheet 3 of 5

Application Number	10/047,581
Filing Date	October 23, 2001
First Named Inventor	John H. Stevens
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		Number	Kind Code <sup>2</sup> (if known)			
		4,979,939		Shiber	12/1990	
		4,986,830		Owens et al.	1/1991	
		4,994,077		Dobben	2/1991	
		5,000,743		Patel	3/1991	
		5,007,896		Shiber	4/1991	
		5,011,488		Ginsburg	4/1991	
		5,026,366		Leckrone	6/1991	
		5,032,128		Alonso	7/1991	
		5,037,434		Lane	8/1991	
		5,047,041		Samuels	9/1991	
		5,053,008		Bajaj	10/1991	
		5,080,660		Buelna	1/1992	
		5,084,010		Plaia et al.	1/1992	

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Sheet 4 of 5

Application Number	10/047,581
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First Named Inventor	John H. Stevens
Group Art Unit	3738
Examiner Name	
Attorney Docket Number	HRT-287

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		Number	Kind Code <sup>2</sup> (if known)			
		5,089,015		Ross	2/1992	
		5,152,771		Sabbaghian et al.	10/1992	
		5,160,342		Reger et al.	11/1992	
		5,163,953		Vince	11/1992	
		5,167,628		Boyles	12/1992	
		5,295,958		Shturman	3/1994	
		5,332,402		Teitelbaum	7/1994	
		5,397,351		Pavenik et al.	3/1995	
		5,411,552		Anderson, et al.	5/1995	
		5,443,446		Shturman	8/1995	
		5,480,424		Cox	1/1996	
		5,545,209		Roberts, et al.	8/1996	
		5,593,405		Osyka	1/1997	

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 5

<i>Application Number</i>	10/047,581
<i>Filing Date</i>	October 23, 2001
<i>First Named Inventor</i>	John H. Stevens
<i>Group Art Unit</i>	3738
<i>Examiner Name</i>	
<i>Attorney Docket Number</i>	HRT-287

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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